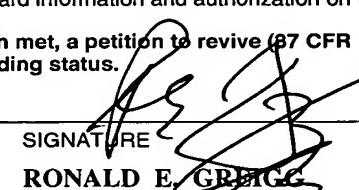


FORM PTO-1230 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 12-2004)		ATTORNEY'S DOCKET NUMBER R.303095	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/520109	
INTERNATIONAL APPLICATION NO. PCT/DE 03/01805	INTERNATIONAL FILING DATE 02 JUNE 2003	PRIORITY DATE CLAIMED 12 JULY 2002	
TITLE OF INVENTION <div style="text-align: center;">APPARATUS AND METHOD FOR CLEANING EXHAUST GAS FROM AN INTERNAL COMBUSTION ENGINE</div>			
APPLICANT(S) FOR DO/EO/US <div style="display: flex; justify-content: space-around; align-items: center;"> BREUER, Norbert FISCHER, Stefan </div>			
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). <p>Items 13 to 23 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input type="checkbox"/> Express Mail Label No. 23. <input checked="" type="checkbox"/> Other items or information: <p>Transmittal Sheets in duplicate w/fees charged to Deposit Account; Copy of German Application w/3 sheets of drawings; Translation of German Application w/3 sheets of drawings; Preliminary Amendment; Copy of PCT/RO/101; Copy of PCT/ISA/210 and 220; Executed Declaration</p>			

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 107520109		INTERNATIONAL APPLICATION NO. PCT/DE 03/01805		ATTORNEY'S DOCKET NUMBER R.303095																						
24. The following fees are submitted: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"><input checked="" type="checkbox"/></td> <td>a) Basic national fee</td> <td style="text-align: right;">\$300.00</td> <td style="width: 10%;">Applicant use</td> <td style="width: 10%;">Office use</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>b) Examination fee</td> <td style="text-align: right;">\$200.00</td> <td>\$</td> <td>\$200.00</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>c) Search fee</td> <td style="text-align: right;">\$500.00</td> <td>\$</td> <td>\$500.00</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="text-align: right;">\$1000.00</td> <td>\$</td> <td>\$1,000.00</td> </tr> </table>						<input checked="" type="checkbox"/>	a) Basic national fee	\$300.00	Applicant use	Office use	<input checked="" type="checkbox"/>	b) Examination fee	\$200.00	\$	\$200.00	<input checked="" type="checkbox"/>	c) Search fee	\$500.00	\$	\$500.00	TOTAL OF ABOVE CALCULATIONS =			\$1000.00	\$	\$1,000.00
<input checked="" type="checkbox"/>	a) Basic national fee	\$300.00	Applicant use	Office use																						
<input checked="" type="checkbox"/>	b) Examination fee	\$200.00	\$	\$200.00																						
<input checked="" type="checkbox"/>	c) Search fee	\$500.00	\$	\$500.00																						
TOTAL OF ABOVE CALCULATIONS =			\$1000.00	\$	\$1,000.00																					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																										
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)		RATE																						
- 100 =	/50 =			x \$250.00	\$ \$0.00																					
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).																										
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																							
Total claims	20	- 20 = 0	x \$50.00	\$	\$0.00																					
Independent claims	4	- 3 = 1	x \$200.00	\$	\$200.00																					
MULTIPLE DEPENDENT CLAIMS (if applicable)			<input type="checkbox"/>	+ \$360.00	\$ \$0.00																					
			TOTAL OF ABOVE CALCULATIONS = \$1,200.00																							
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.																										
SUBTOTAL = \$1,200.00																										
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).																										
TOTAL NATIONAL FEE = \$1,200.00																										
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ \$0.00																										
TOTAL FEES ENCLOSED = \$1,200.00																										
Amount to be refunded: Amount to be charged:																										
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.																										
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 07-2100 in the amount of \$1,200.00 to cover the above fees. A duplicate copy of this sheet is _____.																										
c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-2100 . A duplicate copy of this sheet is enclosed.																										
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																										
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																										
SEND ALL CORRESPONDENCE TO: RONALD E. GREIGG GREIGG & GREIGG P.L.L.C. 1423 Powhatan Street, Suite One Alexandria, VA 22314 CUSTOMER NO. 02119 Date: January 3, 2005																										
SIGNATURE  NAME RONALD E. GREIGG NAME 31,517 REGISTRATION NUMBER																										